

**MATCHING JOB CANDIDATE INFORMATION****ABSTRACT**

5 A variety of technologies are applied in matching techniques for job candidate  
information. For example, a match forecaster can propose query modifications when the  
number of candidates meeting criteria specified in a query is outside of a desired range.  
Cloning techniques can find job candidate matches having characteristics similar to those  
of a desirable candidate. The match techniques can be used in conjunction with  
conceptualization techniques in which concepts such as job skills, job title, management,  
10 and the like, are extracted from a job candidate's resume. A set of concepts can be  
represented as a point in  $n$ -dimensional concept space. Thus, candidates and desired  
candidate criteria can be represented in the concept space. Those candidates closest to the  
desired candidate criteria in the concept space can be designated as matches for the  
desired candidate criteria. In addition, required criteria can be supported.

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